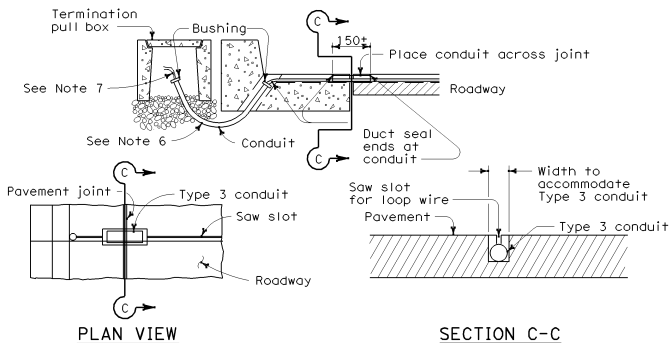
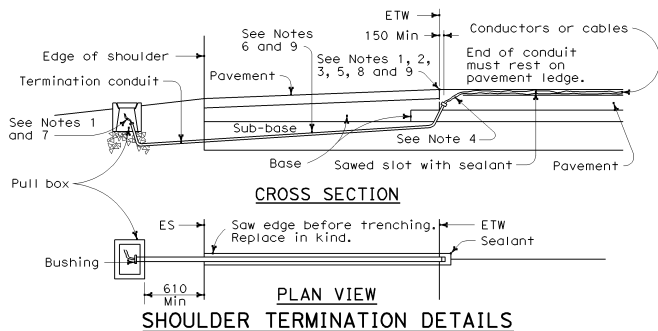


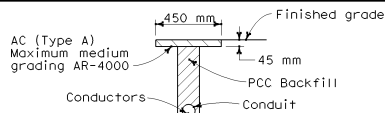
**TYPE A**  
**CURB TERMINATION DETAIL**



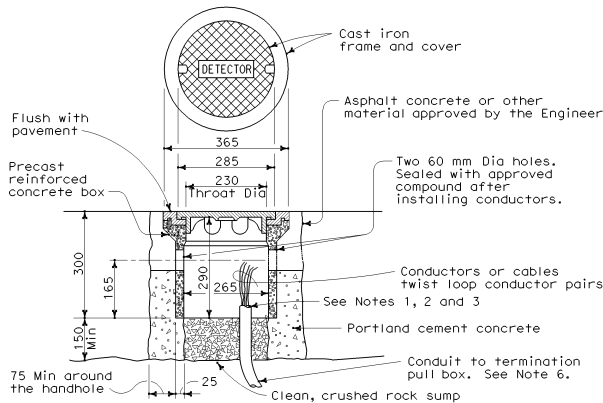
**TYPE B**  
**CURB TERMINATION DETAILS**



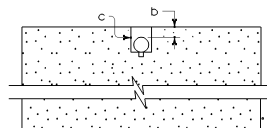
**SHOULDER TERMINATION DETAILS**



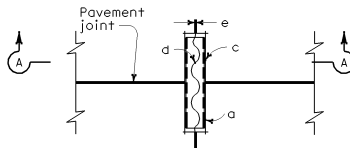
**"T" TRENCH DETAIL**



**TYPE A DETECTOR HANDHOLE DETAILS**



**SECTION A-A**



**PLAN VIEW**

**TYPICAL LOOP LEAD-IN DETAILS**  
**AT PAVEMENT JOINT**

**NOTES:**

- 21C, Type 3 conduit 150 mm long minimum, plug both ends with caulking compound to keep out sealant.
- 13 mm minimum between top of conduit and pavement surface.
- Saw cut shall not exceed 25 mm in width and 3 mm longer than conduit to be installed.
- Conductors with 13 mm minimum slack inside conduit.
- Inductive loop detector saw slot.

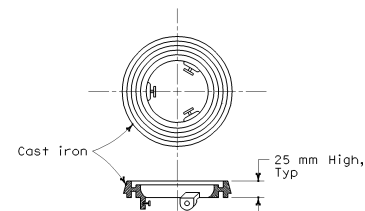


DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
<p><b>Caltrans</b> <b>Metric</b></p> <p><i>Martha V. Styer</i> REGISTERED ELECTRICAL ENGINEER</p> <p>July 1, 2004 PLANS APPROVAL DATE</p> <p>The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.</p> <p>To get to the Caltrans web site, go to: <a href="http://www.dot.ca.gov">http://www.dot.ca.gov</a></p>					

**NOTES (This sheet only)**

- Bushing shall be used at end of conduit.
- Tape detector conductors or cables 75 mm each side of bushings.
- Install duct seal compound to each end of termination conduit before installing sealant.
- Round all sharp edges where detector conductors or cables have to pass.
- End of conduit shall be 80 mm below roadway surface.
- Conduit size
 

Conduit size	Loop Conductors
27C Minimum	1 to 2 pairs
41C Minimum	3 to 4 pairs
53C Minimum	5 or more pairs
- Splice detector conductors or cables to lead-in-cable run to controller cabinet.
- Location of detector handhole when shown on plans.
- When the shoulder and traveled way are paved with the same material and there is no joint between them, the conduit shall extend only 600 mm into the shoulder pavement.



**NOTE**

Use for Type A detector handhole on pavement resurfacing only.

**LOCKING GRADE RING**

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
**ELECTRICAL SYSTEMS**  
**(DETECTORS)**

NO SCALE  
ALL DIMENSIONS ARE IN  
MILLIMETERS UNLESS OTHERWISE SHOWN

**ES-5D**